

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	37396	"429"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:44
S2	4	S1 and second near mixer	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:13
S3	0	S1 and 2nd near mixer	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:48
S4	457	S1 and second near mix\$	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:48
S5	250	S1 and second near mixture	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:49
S6	3	S1 and second near mixing near container	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:50
S7	3	S1 and second near mixing near10 container	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:07
S8	12	S1 and second near10 mixing near10 container	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:52
S9	0	S1 and another near10 mixing near10 container	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:53
S10	160	S1 and mixers	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:54
S11	65	S10 and fuel near cell	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:53
S12	2	S1 and mixing near containers	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:54
S13	51	S1 and second near10 containers	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:54
S14	718	S1 and second near10 container	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:55
S15	34	S1 and second near10 mix \$5 near10 container	US-PGPUB; USPAT	OR	ON	2006/05/11 15:55
S16	5	("4902586"   "5482790"   "6015634"   "6274259"   "6312842").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 15:58
S17	0	S16 and mixers	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 15:58
S18	0	S16 and mixer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 15:58
S19	4	S16 and mix\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 16:01
S20	0	S16 and second near mix \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 16:01
S21	385	S1 and second near mix\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 16:01

S22	159	S21 and fuel near cell	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 16:02
S23	2	("5372617"   "5702491"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 16:09
S24	1	S23 and mix\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/11 16:09
S25	1	S23 and mix\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 16:09
S26	1	S2 and heat near exchanger	US-PGPUB; USPAT	OR	OFF	2006/05/11 17:08
S27	1	"20020119352".pn.	US-PGPUB; USPAT	OR	OFF	2006/05/11 17:08
S28	1	S27 and heat near exchanger	US-PGPUB; USPAT	OR	OFF	2006/05/12 18:59
S29	777	429/12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/12 19:00
S30	1673	429/26.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/12 19:00
S31	1949	429/13.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/12 19:00
S32	3196	methanol near fuel near cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 20:00
S33	165	S32 and (mixer (mixing near tank))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 20:06
S34	165	S32 and (mixers (mixing near tanks))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/21 20:10
S35	0	"methanol." near fuel near cell	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 13:36
S36	3206	methanol near fuel near cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:37
S37	1	S36 and (second near mixer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:42

S38	18	(fuel near cell) and (second near mixer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:41
S39	6	S38 and methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:57
S40	12	S38 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:41
S41	41	S36 and (second near mix \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:47
S42	806	(fuel near cell) and (second near mix\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:48
S43	765	S42 not S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:48
S44	748	S43 not S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:48
S45	3	(second adj mixer) and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:58
S46	19	(second adj circulation) and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:59
S47	0	(second adj circulation near tank) and "429"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:59

S48	5	(second near mix\$4 near tank) and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:15
S49	2	"6303244".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:15
S50	18	("4125676"   "4350608"   "4395322"   "4526843"   "4728533"   "4738903"   "4745953"   "4766043"   "4810597"   "4824739"   "5013618"   "5225391"   "5294232"   "5294580"   "5335628"   "5415888"   "5561000"   "5928807"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:21
S51	4297	fuel near cell and (heat adj exchanger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:21
S52	162	methanol near fuel near cell and (heat adj exchanger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:31
S53	9	S52 and second near (heat near exchanger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:33
S54	8	S52 and second adj (heat near exchanger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:33
S55	418	fuel near cell and second adj (heat near exchanger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:34
S56	418	(fuel near cell) and second adj (heat near exchanger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:44
S57	146	S56 and methanol	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:42
S58	21	S57 and mixer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:46
S59	533	(fuel near cell) and second adj (heat near exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:44
S60	22	S59 and methanol and mixer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:44

S61	1	S60 not S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:44
S62	3725	(heat adj exchangers) and mixer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:47
S63	0	S62 and fuel near cel	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:47
S64	233	S62 and fuel near cell	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:50
S65	162	S64 and methanol	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 17:53
S66	13	(second adj heat near exchanger) and (second adj mixer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:54
S67	0	S66 and fuel near cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:54
S68	23	(second near heat near exchanger) and (second near mixer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:58
S69	0	S68 and fuel near cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:55
S70	237	(heat near exchangers) and (second near mixer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 18:01
S71	6	S70 and fuel near cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:59
S72	13058	(heat near exchangers) and ( mixer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 18:01

S73	567	S72 and fuel near cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 18:02
S74	319	S73 and methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 19:53
S75	16	(second near heat near exchanger) and (methanol near fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 20:24
S76	262	(heat near exchangers) and (methanol near fuel near cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 20:24
S77	4610	((direct near methanol near fuel near cell) or DMFC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 08:32
S78	72	S77 and ((heat near exchanger) same (mixing or circulation or mixed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 08:33
S79	17	S77 and ((heat near exchanger) same ((mixing or circulation) near tank))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 08:46
S80	0	S79 not S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 08:46
S81	27	S77 and ((heat near exchanger) and ((mixing or circulation) near tank))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 08:46

S82	6	S81 not S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 08:46
S83	20	S77 and (second near heat near exchanger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 09:03
S84	34	S77 and (second near5 heat near exchanger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 09:04
S85	14	S84 not S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 09:04
S86	2	"6977118".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 09:06
S87	3	("4362788"   "5441819"   "6759153").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/22 09:06
S88	3	("4362788"   "5441819"   "6759153").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/22 19:14
S89	4610	((direct near methanol near fuel near cell) or DMFC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 19:18
S90	3	S89 and ((heat near exchanger) same (exhaust near10 mixture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 19:19
S91	13	S89 and ((heat near exchanger) same (exhaust same mixture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 19:20

S92	4610	((direct near methanol near fuel near cell) or DMFC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 22:45
S93	18	S92 and ((heat near exchanger) same (exhaust same (mixture or mix or mixing)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 22:45
S94	2	"20040053084".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 23:00
S95	0	("2004/0053084").URPN.	USPAT	OR	OFF	2008/04/22 23:01
S96	5713	((heat near exchanger) same (exhaust same (mixture or mix or mixing)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 23:07
S97	4024	((heat near exchanger) same (exhaust same mixture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 23:34
S98	28	S97 and (direct near methanol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 23:35
S99	18	S92 and ((heat near exchanger) same (exhaust same (mixture or mix or mixing or mixer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 23:44
S100	57	S92 and ((heat near exchanger) and (exhaust same (mixture or mix or mixing or mixer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 23:45

S101	39	S100 not S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 23:45
S102	1	S101 and process near medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 23:58

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